

[CLAIMS]

1. A printing method for printing an image on a sheet printing medium using a page wide printing head and a transporting device which provides relative movement between the sheet printing media and a first print head, the method comprising,
5 presenting a series of sheet printing media to the first print head for printing in sequence,
printing with the first print head a first sub-image of at least one set of monochromatic mutually interstitially printed sub-images of a first image onto a first sheet of printing medium of
10 the series in one pass,
printing in succession a sub-image of an image on each remaining one of the series of sheet printing media followed by printing a further sub-image of the at least one set of monochromatic
15 mutually interstitially printed sub-images of the first image onto the first sheet printing medium.
2. The method according to claim 1, wherein the number of sub-images and the sequence of printing of the sub-images are independently
20 settable.
3. The method according to claim 1, wherein the print head is elongate having a longitudinal axis, further comprising the step of moving the print head along its longitudinal axis after a
25 printing pass.
4. The method according to claim 1 wherein there are a plurality of print heads and different sub-images of an image are printed on different print heads.
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5. The method according to claim 1 wherein there are a plurality of print heads, further comprising the step of printing a different colour with each print head.
- 35 6. The method according to claim 1, further comprising storing the series of sheet printing media on the transporting device.
7. The method according to claim 6, wherein the transporting device

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stores $S + 1$ sheets of printing media where S is the number of sub-images to be printed to complete printing of the first image.

8. The method according to claim 1 wherein the printing steps are
5 non-contact printing steps.

9. The method according to claim 8, wherein the printing steps are ink jet printing steps.